

10/009, 966

CAS  
BIOSIS

12/13/04

=> file ca

=> s ((tobacco or nicotiana) (10a)promoter? (10a)invertase?)/ab,bi

L1 2 ((TOBACCO OR NICOTIANA) (10A) PROMOTER? (10A) INVERTASE?)/AB,BI

=> file biosis

=> s l1

L2 0 ((TOBACCO OR NICOTIANA) (10A) PROMOTER? (10A) INVERTASE?)/AB,BI

=> file ca

=> s ((tobacco or nicotiana) (10a)invertase?)/ab,bi

L3 84 ((TOBACCO OR NICOTIANA) (10A) INVERTASE?)/AB,BI

=> s promoter?/ab,bi

L4 171010 PROMOTER?/AB,BI

=> s l3(l)l4

L5 4 L3(L)L4

=> file biosis

=> s l5

L6 2 L3(L)L4

=> dup rem

L7 5 DUP REM L5 L6 (1 DUPLICATE REMOVED)

=> d l7 1-5 ti py

L7 ANSWER 1 OF 5 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
TI A biotechnological approach for reduction of cold-induced sweetening in  
potato tubers.  
PY 2003

L7 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI A tapetum and pollen-specific promoter of tobacco for use in the control  
of pollen formation in plant breeding  
PY 2000

L7 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Pathogen-inducible promoter and its use in creation of pathogen-resistant  
plants  
PY 2000

L7 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Ectopic expression of a tobacco invertase inhibitor homolog prevents  
cold-induced sweetening of potato tubers  
PY 1999

L7 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI Endogenous inhibitor of invertases of tobacco and tomato and their use in  
the control of carbohydrate loss from vegetables in storage  
PY 1998

=> d l7 2-5

L7 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN  
 AN 134:52300 CA  
 TI A tapetum and pollen-specific promoter of tobacco for use in the control  
 of pollen formation in plant breeding  
 IN Roitsch, Thomas  
 PA Germany  
 SO PCT Int. Appl., 74 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German  
 FAN.CNT 1

*Instant parent*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077187	A2	20001221	WO 2000-DE1944	20000613
	WO 2000077187	A3	20010809		
	CA 2376437	AA	20001221	CA 2000-2376437	2000
EP	1183379	A2	20020306	EP 2000-949099	20000613
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	DE 1999-29909998	U	19990612		
	DE 2000-20005992	U	20000404		
	DE 2000-20007494	U	20000426		
	WO 2000-DE1944	W	20000613		

L7 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
 AN 134:1359 CA  
 TI Pathogen-inducible promoter and its use in creation of pathogen-resistant  
 plants  
 IN Stahl, Dietmar Juergen  
 PA KWS Saat AG, Germany  
 SO Ger. Offen., 38 pp.  
 CODEN: GWXXBX  
 DT Patent  
 LA German  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 19923571	A1	20001123	DE 1999-19923571	19990521
	WO 2000071732	A2	20001130	WO 2000-DE1589	20000519
	WO 2000071732	A3	20010816		
	EP 1183378	A2	20020306	EP 2000-943614	2000
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	DE 1999-19923571	A	19990521		
	WO 2000-DE1589	W	20000519		

L7 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
 AN 131:195070 CA  
 TI Ectopic expression of a tobacco invertase inhibitor homolog prevents  
 cold-induced sweetening of potato tubers  
 AU Greiner, Steffen; Rausch, Thomas; Sonnewald, Uwe; Herbers, Karin  
 CS INF 360, Botanisches Inst., Heidelberg, D-69120, Germany  
 SO Nature Biotechnology (1999), 17(7), 708-711  
 CODEN: NABIF9; ISSN: 1087-0156  
 PB Nature America  
 DT Journal  
 LA English

L7 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN  
 AN 128:177571 CA  
 TI Endogenous inhibitor of invertases of tobacco and tomato and their use in  
 the control of carbohydrate loss from vegetables in storage

IN Rausch, Thomas; Krausgrill, Silke; Greiner, Steffen  
PA Universitat Heidelberg, Germany; Rausch, Thomas; Krausgrill, Silke;  
Greiner, Steffen  
SO PCT Int. Appl., 42 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9804722	A1	19980205	WO 1997-EP4153	19970730
	CA 2261999	AA	19980205	CA 1997-2261999	
	CA 2261999	C	20041026		
	EP 956357	A1	19991117	EP 1997-935555	19970730
	JP 2000515755	T2	20001128	JP 1998-508521	1997
	US 6384300	B1	20020507	US 1999-230670	19990405
PRAI	DE 1996-19630738	A	19960730		
	DE 1996-19641302	A	19961007		
	WO 1997-EP4153	W	19970730		

=> file ca

=> s l3 and l4

L8 11 L3 AND L4

=> s l8 not l5

L9 7 L8 NOT L5

=> file biosis

=> s l9

L10 1 L8 NOT L5

=> dup rem

L11 7 DUP REM L9 L10 (1 DUPLICATE REMOVED)

=> d l11 1-7 ti py

L11 ANSWER 1 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Extracellular invertase is an essential component of cytokinin-mediated delay of senescence

PY 2004

L11 ANSWER 2 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Local expression of the ipt gene in transgenic tobacco (Nicotiana tabacum L. cv. SR1) axillary buds establishes a role for cytokinins in tuberization and sink formation

PY 2002

L11 ANSWER 3 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Induction of male sterility in plants by metabolic engineering of the carbohydrate supply

PY 2001

L11 ANSWER 4 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Expression of tandem invertase genes associated with sexual and vegetative growth cycles in potato

PY 1999

L11 ANSWER 5 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Use of a fungal glucose oxidase or invertase genes to increase plant resistance to pathogens

PY 1995

L11 ANSWER 6 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Impaired photoassimilate partitioning caused by phloem-specific removal of  
pyrophosphate can be complemented by a phloem-specific cytosolic  
yeast-derived invertase in transgenic plants  
PY 1995

L11 ANSWER 7 OF 7 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Expression of a yeast-derived \*\*\*invertase\*\*\* in the cell wall of  
\*\*\*tobacco\*\*\* and Arabidopsis plants leads to accumulation of  
carbohydrate and inhibition of photosynthesis and strongly influences  
growth and phenotype of transgenic tobacco plants  
PY 1990

=> d l11 ab 1-7

=> d l11 3 4

L11 ANSWER 3 OF 7 CA COPYRIGHT 2004 ACS on STN  
AN 135:149982 CA  
TI Induction of male sterility in plants by metabolic engineering of the  
carbohydrate supply  
AU Goetz, Marc; Godt, Dietmute E.; Guivarc'h, Anne; Kahmann, Uwe; Chriqui,  
Dominique; Roitsch, Thomas  
CS Institut für Zellbiologie und Pflanzenphysiologie, Universität Regensburg,  
Regensburg, 93053, Germany  
SO Proceedings of the National Academy of Sciences of the United States of  
America (2001), 98(11), 6522-6527  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English

✓  
printed

L11 ANSWER 4 OF 7 CA COPYRIGHT 2004 ACS on STN  
AN 132:247043 CA  
TI Expression of tandem invertase genes associated with sexual and vegetative  
growth cycles in potato  
AU Maddison, Anne L.; Hedley, Peter E.; Meyer, Rhonda C.; Aziz, Naveed;  
Davidson, Diane; Machray, Gordon C.  
CS Department of Cell and Molecular Genetics, Scottish Crop Research  
Institute, Dundee, DD2 5DA, UK  
SO Plant Molecular Biology (1999), 41(6), 741-751  
CODEN: PMBIDB; ISSN: 0167-4412  
PB Kluwer Academic Publishers  
DT Journal  
LA English

✓  
ordered  
12/13  
thf

=> d l7 ab 1 3-5

=> file ca

=> s (roitsch, t?)/au  
L12 45 (ROITSCH, T?)/AU

=> s invertase?/ab,bi

L13 9362 INVERTASE?/AB,BI

=> s l12 and l13  
L14 25 L12 AND L13

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=> s l14 not l5
L15      24 L14 NOT L5

=> file biosis

=> s l15

L16      27 L14 NOT L5

=> dup rem
L17      27 DUP REM L15 L16 (24 DUPLICATES REMOVED)

=> d l17 1-27 ti py

L17 ANSWER 1 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 1
TI Extracellular ***invertase*** is an essential component of
PY cytokinin-mediated delay of senescence
PY 2004

L17 ANSWER 2 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 2
TI Extracellular ***invertase*** : Key metabolic enzyme and PR protein
PY 2003

L17 ANSWER 3 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 3
TI Novel mode of hormone induction of tandem tomato ***invertase*** genes
PY in floral tissues
PY 2003

L17 ANSWER 4 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 4
TI Metabolizable and non-metabolizable sugars activate different signal
PY transduction pathways in tomato
PY 2002

L17 ANSWER 5 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 5
TI Local expression of the ipt gene in transgenic tobacco (Nicotiana tabacum
PY L. cv. SR1) axillary buds establishes a role for cytokinins in
PY tuberization and sink formation
PY 2002

L17 ANSWER 6 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 6
TI Induction of male sterility in plants by metabolic engineering of the
PY carbohydrate supply
PY 2001

L17 ANSWER 7 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 7
TI Regulation and function of extracellular ***invertase*** from higher
PY plants in relation to assimilate partitioning, stress responses and sugar
PY signalling
PY 2000

L17 ANSWER 8 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 8
TI Identification of amino acids essential for enzymatic activity of plant
PY ***invertases***
PY 2000

L17 ANSWER 9 OF 27 CA COPYRIGHT 2004 ACS on STN      DUPLICATE 9
TI Tissue-specific induction of the mRNA for an extracellular
PY ***invertase*** isoenzyme of tomato by brassinosteroids suggests a role
PY for steroid hormones in assimilate partitioning
PY 2000

L17 ANSWER 10 OF 27 CA COPYRIGHT 2004 ACS on STN     DUPLICATE 10

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TI Regulation of source/sink relations by cytokinins  
 PY 2000

L17 ANSWER 11 OF 27 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 TI \*\*\*Invertases\*\*\* and life beyond sucrose cleavage.  
 PY 2000

L17 ANSWER 12 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 11  
 TI The different pH optima and substrate specificities of extracellular and  
 vacuolar \*\*\*invertases\*\*\* from plants are determined by a single  
 amino-acid substitution  
 PY 1999

L17 ANSWER 13 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 12  
 TI Intracellular protons are not involved in elicitor dependent regulation of  
 mRNAs for defence related enzymes in *Chenopodium rubrum*  
 PY 1999

L17 ANSWER 14 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 13  
 TI Glucose and stress independently regulate source and sink metabolism and  
 defense mechanisms via signal transduction pathways involving protein  
 phosphorylation  
 PY 1997

L17 ANSWER 15 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 14  
 TI Coordinated induction of mRNAs for extracellular \*\*\*invertase\*\*\* and a  
 glucose transporter in *Chenopodium rubrum* by cytokinins  
 PY 1997

L17 ANSWER 16 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 15  
 TI Differential effect of D-glucose on the level of mRNAs for three  
 \*\*\*invertase\*\*\* isoenzymes of *Chenopodium rubrum*  
 PY 1997

L17 ANSWER 17 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 16  
 TI Regulation and tissue-specific distribution of mRNAs for three  
 extracellular \*\*\*invertase\*\*\* isoenzymes of tomato suggests an  
 important function in establishing and maintaining sink metabolism  
 PY 1997

L17 ANSWER 18 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 17  
 TI Ethylene regulation of apoplastic \*\*\*invertase\*\*\* expression in  
 autotrophic cells of *Chenopodium rubrum*  
 PY 1996

L17 ANSWER 19 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 18  
 TI Cell wall \*\*\*invertase\*\*\*. Bridging the gap  
 PY 1996

L17 ANSWER 20 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 19  
 TI Induction of apoplastic \*\*\*invertase\*\*\* of *Chenopodium rubrum* by  
 D-glucose and a glucose analog and tissue-specific expression suggest a  
 role in sink-source regulation  
 PY 1995

L17 ANSWER 21 OF 27 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 TI Regulation by ethylene of cell wall bound \*\*\*invertase\*\*\* expression  
 in autotrophic *Chenopodium rubrum* cell cultures.  
 PY 1995

L17 ANSWER 22 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 20

TI The vacuolar protein-targeting signal of yeast carboxypeptidase is  
PY 1991 functional in oocytes from *Xenopus laevis*

L17 ANSWER 23 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 21  
TI Expression of yeast \*\*\*invertase\*\*\* in oocytes from *Xenopus laevis*.  
PY 1989 Secretion of active enzyme differing in glycosylation

L17 ANSWER 24 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 22  
TI Structural requirements of protein N-glycosylation. Influence of acceptor  
PY 1989 peptides on cotranslational glycosylation of yeast \*\*\*invertase\*\*\* and site-directed mutagenesis around a sequon sequence

L17 ANSWER 25 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 23  
TI Requirements for efficient in vitro transcription and translation: a  
PY 1989 study using yeast \*\*\*invertase\*\*\* as a probe

L17 ANSWER 26 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 24  
TI Post-translational translocation of polypeptides across the mammalian  
PY 1988 endoplasmic reticulum membrane is size and ribosome dependent

L17 ANSWER 27 OF 27 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
TI SECRETION AND GLYCOSYLATION OF YEAST \*\*\*INVERTASE\*\*\*  
PY 1987 STN

=> d l17 ab 1-11 17-21

=> d l17 3 6 7 9 17

L17 ANSWER 3 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
AN 139:318179 CA  
TI Novel mode of hormone induction of tandem tomato \*\*\*invertase\*\*\*  
AU Proels, R. K.; Hause, B.; Berger, S.; \*\*\*Roitsch, T.\*\*\*  
CS Lehrstuhl fuer Pharmazeutische Biologie, Universitaet Wuerzburg,  
Wuerzburg, 97082, Germany  
SO Plant Molecular Biology (2003), 52(1), 191-201  
CODEN: PMBIDB; ISSN: 0167-4412  
PB Kluwer Academic Publishers  
DT Journal  
LA English

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12/13  
genes  
TDF

L17 ANSWER 6 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 6  
AN 135:149982 CA  
TI Induction of male sterility in plants by metabolic engineering of the  
AU Goetz, Marc; Godt, Dietmute E.; Guivarc'h, Anne; Kahmann, Uwe; Chriqui,  
Dominique; \*\*\*Roitsch, Thomas\*\*\*  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg,  
Regensburg, 93053, Germany  
SO Proceedings of the National Academy of Sciences of the United States of  
America (2001), 98(11), 6522-6527  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English

and above

L17 ANSWER 7 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 7  
AN 134:97756 CA  
TI Regulation and function of extracellular \*\*\*invertase\*\*\* from higher  
plants in relation to assimilate partitioning, stress responses and sugar  
signalling  
AU \*\*\*Roitsch, Thomas\*\*\* ; Ehness, Rainer; Goetz, Marc; Hause, Bettina;  
Hofmann, Markus; Sinha, Alok Krishna  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg,  
Regensburg, D-93040, Germany  
SO Australian Journal of Plant Physiology (2000), 27(8/9), 815-825  
CODEN: AJPPCH; ISSN: 0310-7841  
PB CSIRO Publishing  
DT Journal; General Review  
LA English  
RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

✓  
ordered  
12/13  
DJF

L17 ANSWER 9 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 9  
AN 134:2734 CA  
TI Tissue-specific induction of the mRNA for an extracellular  
\*\*\*invertase\*\*\* isoenzyme of tomato by brassinosteroids suggests a role  
for steroid hormones in assimilate partitioning  
AU Goetz, Marc; Godt, Dietmute E.; \*\*\*Roitsch, Thomas\*\*\*  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg,  
Regensburg, 93053, Germany  
SO Plant Journal (2000), 22(6), 515-522  
CODEN: PLJUED; ISSN: 0960-7412  
PB Blackwell Science Ltd.  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

June

✓  
printed

L17 ANSWER 17 OF 27 CA COPYRIGHT 2004 ACS on STN DUPLICATE 16  
AN 127:315317 CA  
TI Regulation and tissue-specific distribution of mRNAs for three  
extracellular \*\*\*invertase\*\*\* isoenzymes of tomato suggests an  
important function in establishing and maintaining sink metabolism  
AU Godt, Dietmute E.; \*\*\*Roitsch, Thomas\*\*\*  
CS Lehrstuhl fur Zellbiologie und Pflanzenphysiologie, Universitat  
Regensburg, Regensburg, D-93053, Germany  
SO Plant Physiology (1997), 115(1), 273-282  
CODEN: PLPHAY; ISSN: 0032-0889  
PB American Society of Plant Physiologists  
DT Journal  
LA English  
RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

✓  
printed

=> file ca

=> s (invertase?(1)(pollen? or tapetal or tapetum))/ab,bi

L18 82 (INVERTASE?(L)(POLLEN? OR TAPETAL OR TAPETUM))/AB,BI

=> s (invertase?(10a)(pollen? or tapetal or tapetum))/ab,bi

L19 50 (INVERTASE?(10A)(POLLEN? OR TAPETAL OR TAPETUM))/AB,BI

=> s promoter?/ab,bi

L20 171010 PROMOTER?/AB,BI



=> s 119 and 120  
L21. 5 L19 AND L20

=> s 121 not 15  
L22 4 L21 NOT L5

=> file biosis

=> s 122

L23 1 L21 NOT L5

=> dup rem  
L24 5 DUP REM L21 L22 (4 DUPLICATES REMOVED)

=> d l24 1-5 ti py

L24 ANSWER 1 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 1  
TI Method for influencing pollen development by modifying sucrose metabolism  
PY 2001

L24 ANSWER 2 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 2  
TI Induction of male sterility in plants by metabolic engineering of the  
carbohydrate supply  
PY 2001

L24 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
TI A tapetum and pollen-specific \*\*\*promoter\*\*\* of tobacco for use in the  
control of pollen formation in plant breeding  
PY 2000

L24 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
TI Expression of tandem invertase genes associated with sexual and vegetative  
growth cycles in potato  
PY 1999

L24 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
TI Transgene expression control by \*\*\*invertase\*\*\* gene \*\*\*promoter\*\*\*  
in \*\*\*pollen\*\*\* cells  
PY 1998

=> d l24 1-5 ab bib  
AN 135:191241 CA  
TI Method for influencing pollen development by modifying sucrose metabolism  
IN Boernke, Frederik; Sonnewald, Uwe  
PA IPK Institut Fuer Pflanzengenetik Und Kulturpflanzenforschung, Germany  
SO PCT Int. Appl., 99 pp.  
CODEN: PIXXD2

DT Patent  
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001059135	A1	20010816	WO 2001-EP1412	20010209
	DE 10045113	A1	20010816	DE 2000-10045113	20000
	EP 1263971	A1	20021211	EP 2001-907515	20010209
	US 2003159181	A1	20030821	US 2002-223277	20020
PRAI	DE 2000-10006413	A	20000214		
	DE 2000-10045113	A	20000913		

L24- ANSWER 2 OF 5 CA  
AN 135:149982 CA  
TI Induction of male sterility in plants by metabolic engineering of the carbohydrate supply  
AU Goetz, Marc; Godt, Dietmute E.; Guivarc'h, Anne; Kahmann, Uwe; Chriqui, Dominique; Roitsch, Thomas  
CS Institut fur Zellbiologie und Pflanzenphysiologie, Universitat Regensburg, Regensburg, 93053, Germany  
SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(11), 6522-6527  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English

*and above*

L24 ANSWER 3 OF 5 CA COPYRIGHT 2004 ACS on STN  
AN 134:52300 CA  
TI A tapetum and pollen-specific \*\*\*promoter\*\*\* of tobacco for use in the control of pollen formation in plant breeding  
IN Roitsch, Thomas  
PA Germany  
SO PCT Int. Appl., 74 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

*instant parent*

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000077187	A2	20001221	WO 2000-DE1944	20000613
	WO 2000077187	A3	20010809		
	CA 2376437	AA	20001221	CA 2000-2376437	20000
	EP 1183379	A2	20020306	EP 2000-949099	20000613
	PRAI DE 1999-29909998	U	19990612		
	DE 2000-20005992	U	20000404		
	DE 2000-20007494	U	20000426		
	WO 2000-DE1944	W	20000613		

L24 ANSWER 4 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 3  
AN 132:247043 CA  
TI Expression of tandem invertase genes associated with sexual and vegetative growth cycles in potato  
AU Maddison, Anne L.; Hedley, Peter E.; Meyer, Rhonda C.; Aziz, Naveed; Davidson, Diane; Machray, Gordon C.  
CS Department of Cell and Molecular Genetics, Scottish Crop Research Institute, Dundee, DD2 5DA, UK  
SO Plant Molecular Biology (1999), 41(6), 741-751  
CODEN: PMBIDB; ISSN: 0167-4412  
PB Kluwer Academic Publishers  
DT Journal  
LA English

*and above*

L24 ANSWER 5 OF 5 CA COPYRIGHT 2004 ACS on STN DUPLICATE 4  
AN 129:271518 CA  
TI Transgene expression control by \*\*\*invertase\*\*\* gene \*\*\*promoter\*\*\* in \*\*\*pollen\*\*\* cells  
IN Machray, Gordon Cameron; Hedley, Peter; Meyer, Rhonda; Maddison, Anne  
PA Scottish Crop Research Institute, UK  
SO PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DT Patent  
LA English

FAN.CNT 1

	PATENT NO. <i>have</i>	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9841643	A1	19980924	WO 1998-GB833	19980319
	AU 9865110	A1	19981012	AU 1998-65110	1998
PRAI	GB 1997-5694	A	19970319		
	WO 1998-GB833	W	19980319		

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